

L2 ANSWER 2 OF 3 WPIDS COPYRIGHT 2000 DERWENT INFORMATION LTD

AN 1987-062089 [09] WPIDS

DNC C1987-026169

TI Cloth-like gas permeable film prepn. - by mixing aliphatic alcohol-fatty acid ester with polyolefin resin, inorganic filler and mono axially stretching obt'd. film.

DC A18 A60 A94 E17

PA (MITP) MITSUBISHI PETROCHEMICAL CO LTD

CYC 1

PI JP 62018435 A 19870127 (198709)* 5p <--

JP 05035734 B 19930527 (199324) 5p

ADT JP 62018435 A JP 1985-157641 19850717; JP 05035734 B JP 1985-157641 19850717

FDT JP 05035734 B Based on JP 62018435

PRAI JP 1985-157641 19850717

AN 1987-062089 [09] WPIDS

AB JP 62018435 A UPAB: 19930922

Prepn. of gas permeable film, comprises compounding 3-25 pts.wt. of aliphatic alcohol type fatty acid ester, which is the cpd. of 10-22C fatty acid with 1 12C aliphatic al-cohol, to 100 pts.wt. of a compsn. consisting of 42-87 vol.% of polyolefin type resin and 58-13 vol. % of inorganic filler, in mfg. a gas permeable film by monoaxially stretching a film of the described compsn..

USE/ADVANTAGE - Prepn. gives a gas permeable film with soft feeling. A cloth like gas permeable film can also be obt'd. using the prepn.. Thin uniformly thick film is obt'd. even with low stretching magnification.

In an example, the polyolefin type resin, pref. ethylene-alpha-olefin copolymer with density at 0.910-0.940 g/cm³ and is pref. a melt flow rate 0.1-5 g/10 min.. The inorganic filler is pref. calcium carbonate, calcium oxide, talc, clay, silica, titanium oxide, alumina, aluminium sulphate, etc. with a mean particle size 0.1-5 micron. The aliphatic alcohol type fatty acid ester is pref. glycerin ricinoleate or glycerin acetyl ricinoleate.

ABEQ JP 93035734 B UPAB: 19931116

Prepn. of gas permeable film, comprises compounding 3-25 pts.wt. of aliphatic alcohol type fatty acid ester, which is the cpd. of 10-22C fatty acid with 1-12C aliphatic alcohol, to 100 pts.wt. of a compsn. consisting

of 42-87 vol.% of polyolefin type resin and 58-13 vol.% of inorganic filler, in mfg. a gas permeable film by monoaxially stretching a film of the described compsn..

USE/ADVANTAGE - Prepn. gives a gas permeable film with soft feeling. A cloth like gas permeable film can also be obtd. using the prepn. Thin uniformly thick film is obtd. even with low stretching magnification.
(J62018435-A)